

PCT09

RAW SEQUENCE LISTING

DATE: 09/24/2001

PATENT APPLICATION: US/09/830,652

TIME: 16:25:02

Input Set : A:\ES.txt

Output Set: N:\CRF3\09242001\I830652.raw

ENTERED

3 <110> APPLICANT: KONDO, Akihiro
 4 SAGAWA, Hiroaki
 5 MINENDO, Junichi
 6 KIMIZUKA, Fusao
 7 KATO, Ikunoshin
 9 <120> TITLE OF INVENTION: Method of detecting a gene which is influenced by an
 environmental
 10 endocrine
 12 <130> FILE REFERENCE: KONDO=7
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/830,652
 C--> 14 <141> CURRENT FILING DATE: 2001-04-30
 14 <150> PRIOR APPLICATION NUMBER: US 09/830,652
 15 <151> PRIOR FILING DATE: 2001-04-30
 17 <150> PRIOR APPLICATION NUMBER: PCT/JP99/05964.
 18 <151> PRIOR FILING DATE: 1999-10-28
 20 <150> PRIOR APPLICATION NUMBER: JP 310285
 21 <151> PRIOR FILING DATE: 1998-10-30
 23 <160> NUMBER OF SEQ ID NOS: 62
 25 <170> SOFTWARE: PatentIn version 3.0
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 19
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Artificial Sequence
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify Smad3 mRNA.
 36 <400> SEQUENCE: 1
 37 caggtgtccc atcggaagg 19
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 22
 41 <212> TYPE: DNA
 42 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify Smad3 mRNA.
 49 <400> SEQUENCE: 2
 50 ctctctggta gtggtaggga tt 22
 52 <210> SEQ ID NO: 3
 53 <211> LENGTH: 20
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Artificial Sequence
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify VEGF receptor
 mRNA.
 60 <400> SEQUENCE: 3
 61 tacaagatcg acgttagctc 20
 63 <210> SEQ ID NO: 4
 64 <211> LENGTH: 20
 65 <212> TYPE: DNA
 66 <213> ORGANISM: Artificial Sequence

68 <220> FEATURE:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,652

DATE: 09/24/2001

TIME: 16:25:02

Input Set : A:\ES.txt

Output Set: N:\CRF3\09242001\I830652.raw

69 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify VEGF receptor mRNA.

71 <400> SEQUENCE: 4

72 cagccaaatt cacagttaaa

20

74 <210> SEQ ID NO: 5

75 <211> LENGTH: 24

76 <212> TYPE: DNA

77 <213> ORGANISM: Artificial Sequence

79 <220> FEATURE:

80 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify ACTR mRNA.

82 <400> SEQUENCE: 5

83 gctttgaaga tataatccga aggt

24

85 <210> SEQ ID NO: 6

86 <211> LENGTH: 25

87 <212> TYPE: DNA

88 <213> ORGANISM: Artificial Sequence

90 <220> FEATURE:

91 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify ACTR mRNA.

93 <400> SEQUENCE: 6

94 ggcttggtga tgacagagta gataa

25

96 <210> SEQ ID NO: 7

97 <211> LENGTH: 24

98 <212> TYPE: DNA

99 <213> ORGANISM: Artificial Sequence

101 <220> FEATURE:

102 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify N-CoR/SMRT mRNA.

104 <400> SEQUENCE: 7

105 tatggaggac cctatgaaag tgta

24

107 <210> SEQ ID NO: 8

108 <211> LENGTH: 25

109 <212> TYPE: DNA

110 <213> ORGANISM: Artificial Sequence

112 <220> FEATURE:

113 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify N-CoR/SMRT mRNA.

115 <400> SEQUENCE: 8

116 ttacgaccat gttctactag acctt

25

118 <210> SEQ ID NO: 9

119 <211> LENGTH: 20

120 <212> TYPE: DNA

121 <213> ORGANISM: Artificial Sequence

123 <220> FEATURE:

124 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify efp mRNA.

126 <400> SEQUENCE: 9

127 cgccgtgaag acgtgcttgg

20

129 <210> SEQ ID NO: 10

130 <211> LENGTH: 25

131 <212> TYPE: DNA

132 <213> ORGANISM: Artificial Sequence

134 <220> FEATURE:

135 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify efp mRNA.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/830,652

DATE: 09/24/2001
TIME: 16:25:02

Input Set : A:\ES.txt
Output Set: N:\CRF3\09242001\I830652.raw

```

137 <400> SEQUENCE: 10
138 tcttggtcag gctctgttca atctc 25
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 16
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify c-Myc-1 mRNA ✓
148 <400> SEQUENCE: 11
149 cgccaagctc gtctca 16
151 <210> SEQ ID NO: 12
152 <211> LENGTH: 20
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify c-Myc-1 mRNA ✓
159 <400> SEQUENCE: 12
160 tcaactgttc tcgtcgtttc 20
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 21
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify vitamin D ✓
receptor mRNA.
170 <400> SEQUENCE: 13
171 caaacgctgt gtggacatcg g 21
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 23
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify vitamin D ✓
receptor mRNA.
181 <400> SEQUENCE: 14
182 ttctggatca tcttggcata gag 23
185 <210> SEQ ID NO: 15
186 <211> LENGTH: 20
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify c-Myc-2 mRNA ✓
193 <400> SEQUENCE: 15
194 gtagtaattc cagcgagagg 20
196 <210> SEQ ID NO: 16
197 <211> LENGTH: 19
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify c-Myc-2 mRNA ✓
204 <400> SEQUENCE: 16

```

RAW SEQUENCE LISTING

DATE: 09/24/2001

PATENT APPLICATION: US/09/830,652

TIME: 16:25:02

Input Set : A:\ES.txt

Output Set: N:\CRF3\09242001\I830652.raw

```

205 ctatgggcaa agtttcgtg 19
207 <210> SEQ ID NO: 17
208 <211> LENGTH: 20
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify Bax mRNA. ✓
215 <400> SEQUENCE: 17
216 tgttttctga cggcaacttc 20
218 <210> SEQ ID NO: 18
219 <211> LENGTH: 17
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify Bax mRNA. ✓
226 <400> SEQUENCE: 18
227 gagcactccc gccacaa 17
229 <210> SEQ ID NO: 19
230 <211> LENGTH: 19
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify JNK1 mRNA. ✓
237 <400> SEQUENCE: 19
238 gagcagaagc aagcgtgac 19
240 <210> SEQ ID NO: 20
241 <211> LENGTH: 20
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify JNK1 mRNA. ✓
248 <400> SEQUENCE: 20
249 gacattgatg tacgggtgtt 20
251 <210> SEQ ID NO: 21
252 <211> LENGTH: 17
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify p38 mRNA. ✓
259 <400> SEQUENCE: 21
260 gtgcccagagc gttacca 17
262 <210> SEQ ID NO: 22
263 <211> LENGTH: 20
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify p38 mRNA. ✓
270 <400> SEQUENCE: 22
271 aaagttcatc ttcggcatct 20

```

RAW SEQUENCE LISTING

DATE: 09/24/2001

PATENT APPLICATION: US/09/830,652

TIME: 16:25:02

Input Set : A:\ES.txt

Output Set: N:\CRF3\09242001\I830652.raw

```

273 <210> SEQ ID NO: 23
274 <211> LENGTH: 20
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify TRIP 1 mRNA.
281 <400> SEQUENCE: 23
282 aaatgctaaa gttagcctat 20
284 <210> SEQ ID NO: 24
285 <211> LENGTH: 18
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify TRIP 1 mRNA.
292 <400> SEQUENCE: 24
293 acatggactc gccgttct 18
295 <210> SEQ ID NO: 25
296 <211> LENGTH: 18
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify ARA 70 mRNA.
303 <400> SEQUENCE: 25
304 agttgcataa gccgtcac 18
306 <210> SEQ ID NO: 26
307 <211> LENGTH: 20
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify ARA 70 mRNA.
314 <400> SEQUENCE: 26
315 actagccaat ctgataggtc 20
317 <210> SEQ ID NO: 27
318 <211> LENGTH: 20
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify insulin receptor
mRNA.
325 <400> SEQUENCE: 27
326 gctgccacca atacgtcatt 20
328 <210> SEQ ID NO: 28
329 <211> LENGTH: 19
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify insulin receptor
mRNA.
336 <400> SEQUENCE: 28
337 gcatcctgcc catcgaact 19
339 <210> SEQ ID NO: 29

```

VERIFICATION SUMMARY

DATE: 09/24/2001

PATENT APPLICATION: US/09/830,652

TIME: 16:25:03

Input Set : A:\ES.txt

Output Set: N:\CRF3\09242001\I830652.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date